

## TECHNICAL DATA

# Fluke FEV150 EV Charging Station Analyzer



## Key features

- Test the safety and functionality of AC electrical vehicle charging stations with the all-in-one solution
- GFCI Trip Test
- Pass/fail test results
- Auto control pilot (CP) with waveform analysis
- Compatible with TruTest™ Data Management Software

## Product overview: Fluke FEV150 EV Charging Station Analyzer

The FEV150 is a complete solution for safety and performance testing of AC EV charging stations with Type 1 (J1772) or Tesla type connectors. Deliver uptime reliability with Fluke's next generation of EV Charging test solutions, designed for technicians to perform and document multiple tests safely, quickly, and efficiently without carrying multiple tools.

The all-in-one solution includes TruTest™ EV Charging software. TruTest integrates seamlessly with the FEV150 via Bluetooth connection to provide predetermined test plans, pass/fail indications, and pre-test voltage safety information. Use the FEV150 and TruTest automation to get the job done safely, faster, and with less potential for errors.

The FEV150 EV Charging Station Analyzer is compliant with J1772 standards.

### Applications:

- Safety testing of charging stations
- Performance testing of charging stations
- Troubleshooting/repair of charging stations

**Available measurements:**

- PE (protective) earth pre-test to ensure no dangerous voltage is present
- Visual inspection
- GFCI Trip Test
- Nominal voltage
- Auto control pilot (CP) with waveform analysis
- Error testing
- Proximity pilot
- Manual Control Pilot
- Advanced GFCI Test

**Leverage TruTest automation to process test results and compile client reports with ease**

TruTest is the modern, fast, and reliable software platform to cover your reporting and documentation needs. Now you can perform asset management, data storage, and reporting on a single platform that seamlessly integrates with the FEV150 on any job. Whether you are analyzing Control Pilot waveforms or safety testing the system, TruTest guides you through each test and generates easy-to-understand reports for clients.

- Easily manage measurement data from EVSE inspections
- Quickly create inspections and reports
- Control Pilot waveform analysis with easy pass/fail visuals
- Compare site data to previous site data to see changes over time
- Quickly access the latest firmware to update your FEV150

A free 60-day demo version of TruTest is available for [download](#). Purchase a software key to unlock the Lite or Advanced version. **Compatible with Bluetooth 5.0**

## Specifications: Fluke FEV150 EV Charging Station Analyzer

## Ordering information



### **FLK-FEV150/TY1**

EV CHARGING STATION ANALYZER W/TYPE 1 PLUG, US

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FLK-FEV150/TY1 includes:

- FEV150/BASIC Test Analyzer
- FEV-CON-TY1
- TPAK Magnetic Hanger
- Soft Carrying Bag

### **FLK-FEV150/TY1 PRO**

FLK-FEV150/TY1 + TRUTEST

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FLK-FEV150/TY1 includes:

- FEV150/BASIC Test Analyzer
- FEV-CON-TY1
- TPAK Magnetic Hanger
- Soft Carrying Bag
- TruTest Software License

### **FLK-FEV150/TY1/TSL**

EV CHARGING STATION ANALYZER W/TYPE 1 & TESLA TYPE PLUG, US

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FLK-FEV150/TY1 includes:

- FEV150/BASIC Test Analyzer
- FEV-CON-TS1
- TPAK Magnetic Hanger
- Soft Carrying Bag

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### **FEV150/TY1/TSL PRO**

FLK-FEV150/TY1 & TSL + TRUTEST

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FEV150/TY1 includes:

- FEV150/BASIC Test Analyzer
- FEV-CON-TS1
- TPAK Magnetic Hanger
- Soft Carrying Bag
- TruTest Software License

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### **FLK-FEV150/TY1/FPC**

FLK-FEV150/TY1 WITH 1 YR PREMIUM CARE

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### **FLK-FPC1S-FEV150-1**

1 YR FLUKE PREMIUM CARE (NO LOANERS) FOR FEV150

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### **FLK-FPC3S-FEV150-1**

3 YR FLUKE PREMIUM CARE (NO LOANERS) FOR FEV150

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